

Robin Industrial Engines®

PARTS MANUAL

Model

PKX201

PUMP

PUB-PP5872
Rev. 08/07

Robin
SUBARU

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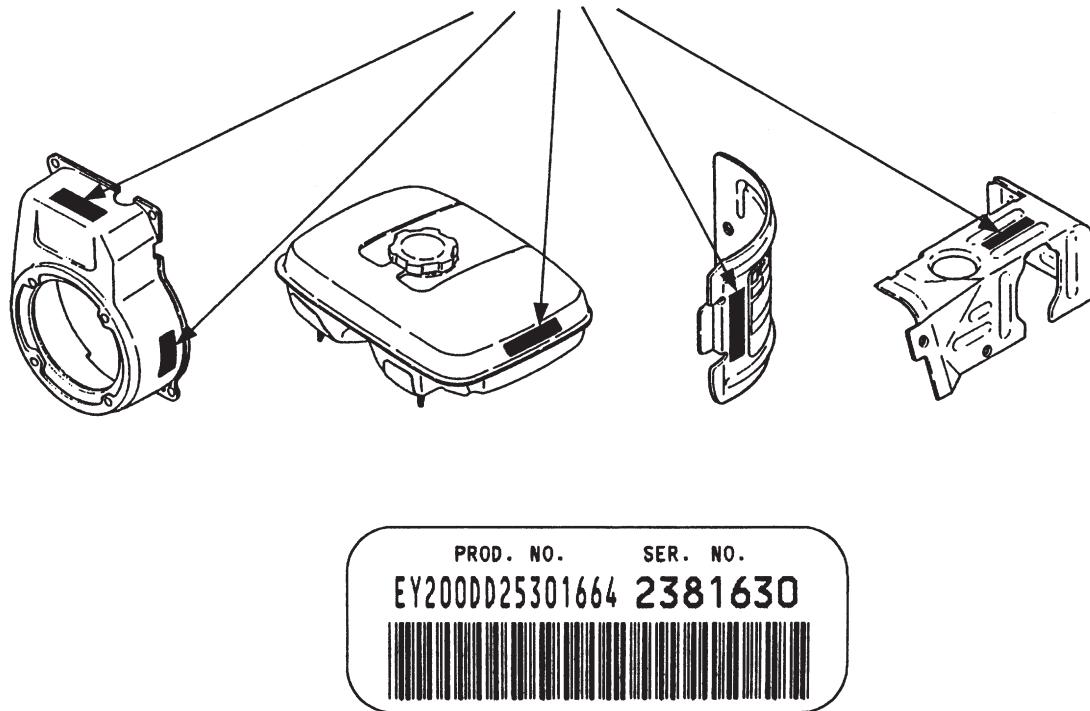
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HOW TO USE THIS MANUAL

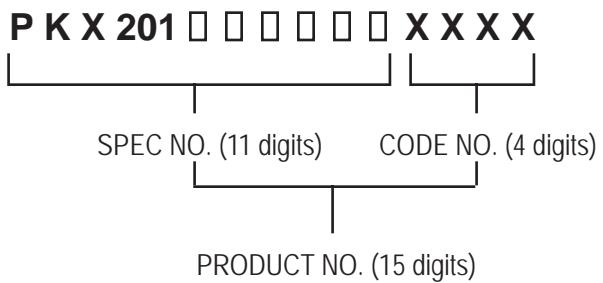
Robin engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant difference.

In order to identify the correct service part number, it is important to confirm the specification and code numbers for your engine. The specification and code number together are known as the PRODUCT NUMBER.

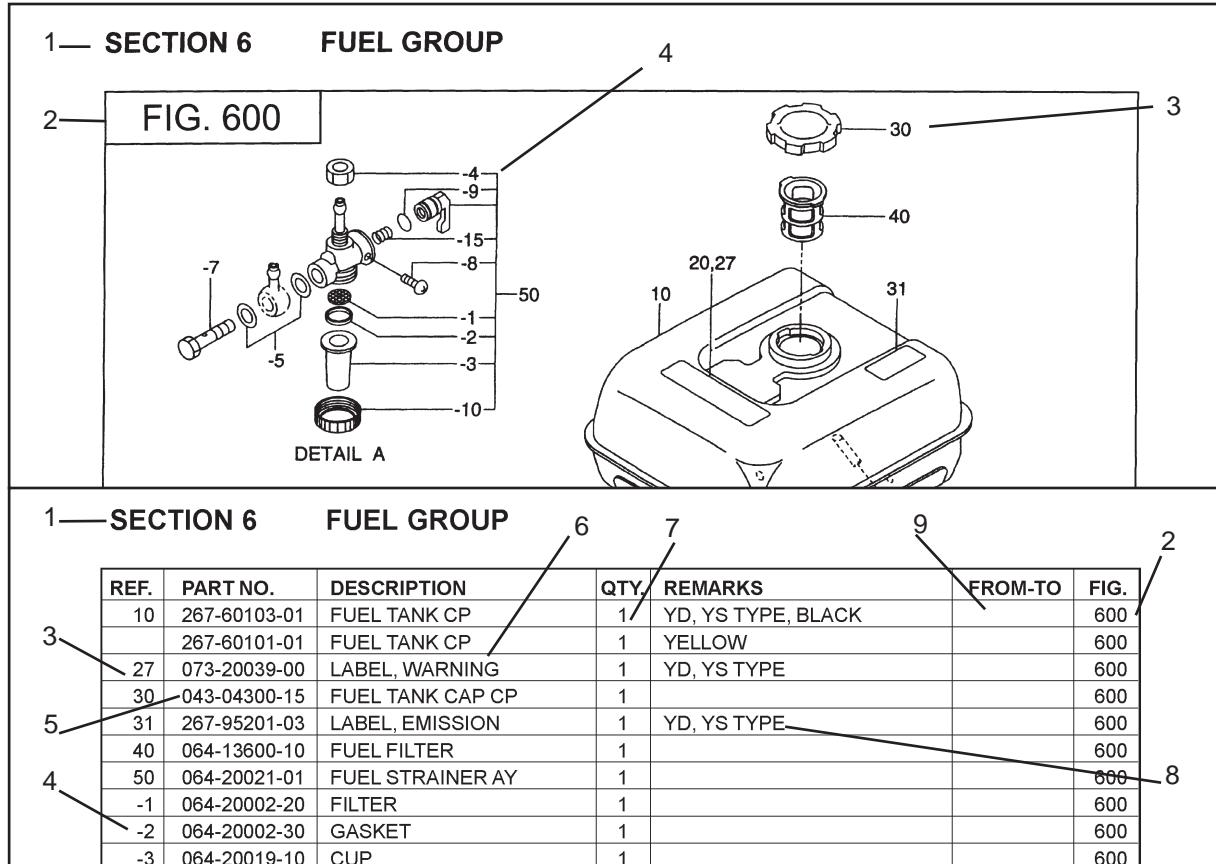
All Robin 4 cycle engines have a Product Number label similar to the label illustrated below.



The Product Number Label has a 15 digit alphanumeric string that consists of the SPECIFICATION (SPEC) number (11 digits) and the CODE number (4 digits). Please note the illustration below:



MANUAL LAYOUT



1. SECTION NAME	Parts are broadly classified according to their functions. Refer to the Group Index (table of contents) for respective section name.
2. FIG. No.	The FIG. number indexes the reference and part numbers to the illustration. Figure numbers that vary only in the tens place (i.e.: 700 and 710) are in a group of the same section (i.e.:Electrical Device Group).
3. REF. No .	The Reference number identifies the part illustration with the corresponding part number in the part list.
4. SUBASSEMBLY	SUBASSEMBLY parts of part assembly are listed below the assembly part. The subassembly part reference number is indicated by the number led by "-" such as "-1", "-2".
5. PART NUMBER	It is the number assigned for sales unit. Use the PART No. when making an order.
6. DESCRIPTION	It is designation of the part.
7. QTY.	Quantity of each part used for each product.
8. REMARKS	This gives a distinctive feature and/or a supplementary comment for the type, the specification, and the part concerned. It also shows part number(s) interchangeable for the part.
9. FROM-TO	This section shows the CODE No. to indicate the history of progress in which improved parts have been introduced in the product. The FROM-TO CODE No. helps to identify PART No. being employed in the product concerned. See the examples below:
-	The part is used in the product irrespective of CODE No.
2101-	The part is used in the products with CODE No. of 2101 and after this number.
- 2100	The part is used in the products with CODE No. of 2100 and before this number.

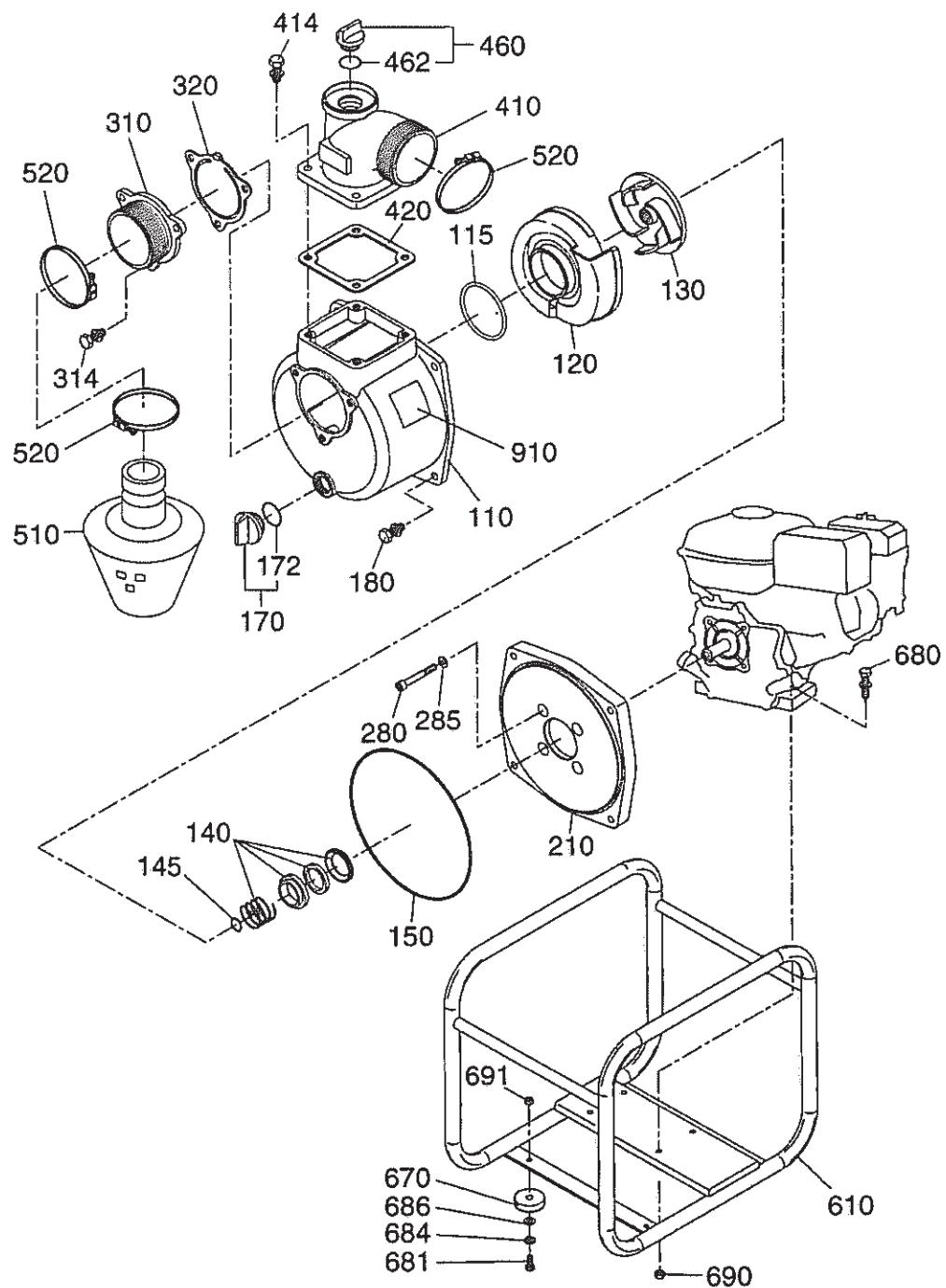
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INDEX OF DESCRIPTION SYMBOLS	
SYMBOL	DESCRIPTION
AY	ASSEMBLY
CP.....	COMPLETE
EX.....	EXPORT (from Japan)
FIG.....	FIGURE
FR.....	FRONT
"	INCH
INCL.....	INCLUDE
~L.....	LITER
L=	LENGTH (in. mm)
L.H. (LH).....	LEFT-HAND SIDE
MECH.....	MECHANICAL
NO (NON).....	NONE
OPT.....	OPTIONAL
O.S.	OVER SIZE
SYMBOL	DESCRIPTION
P=.....	PITCH (in mm)
P.T.O. (PTO)	POWER TAKE OFF
REF.....	REFERENCE
R.H. (RH).....	RIGHT HAND SIDE
RR.	REAR
STD.	STANDARD
SW.....	SWITCH
T=.....	THICKNESS (in mm)
UN	UNIT
U.S.....	UNDER SIZE
~V.....	VOLTAGE
~W.....	WATT
W/	WITH
W/O	WITHOUT

SECTION 1 PUMP GROUP

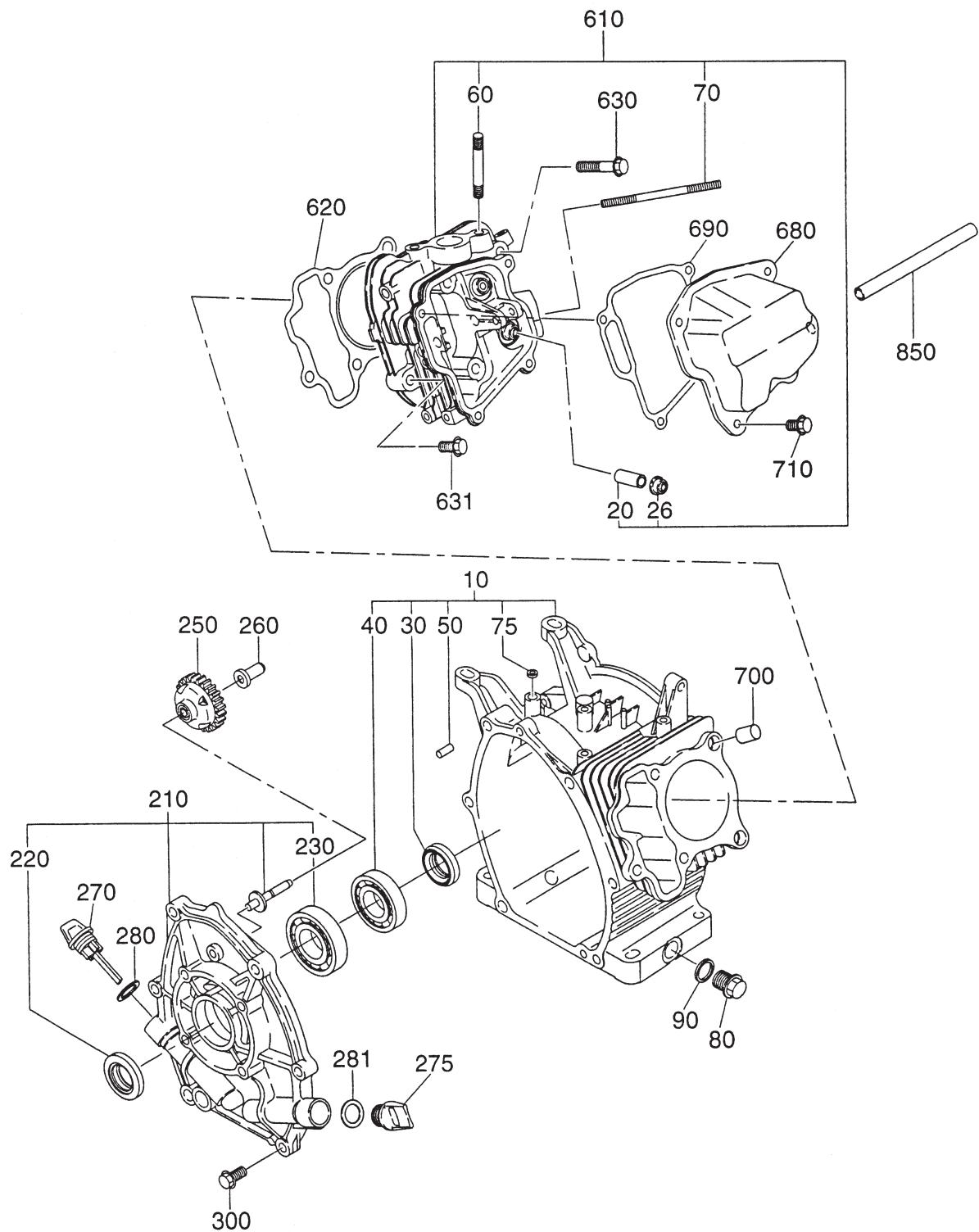
FIG. 100



SECTION 1 PUMP GROUP

SECTION 2 CRANKCASE GROUP

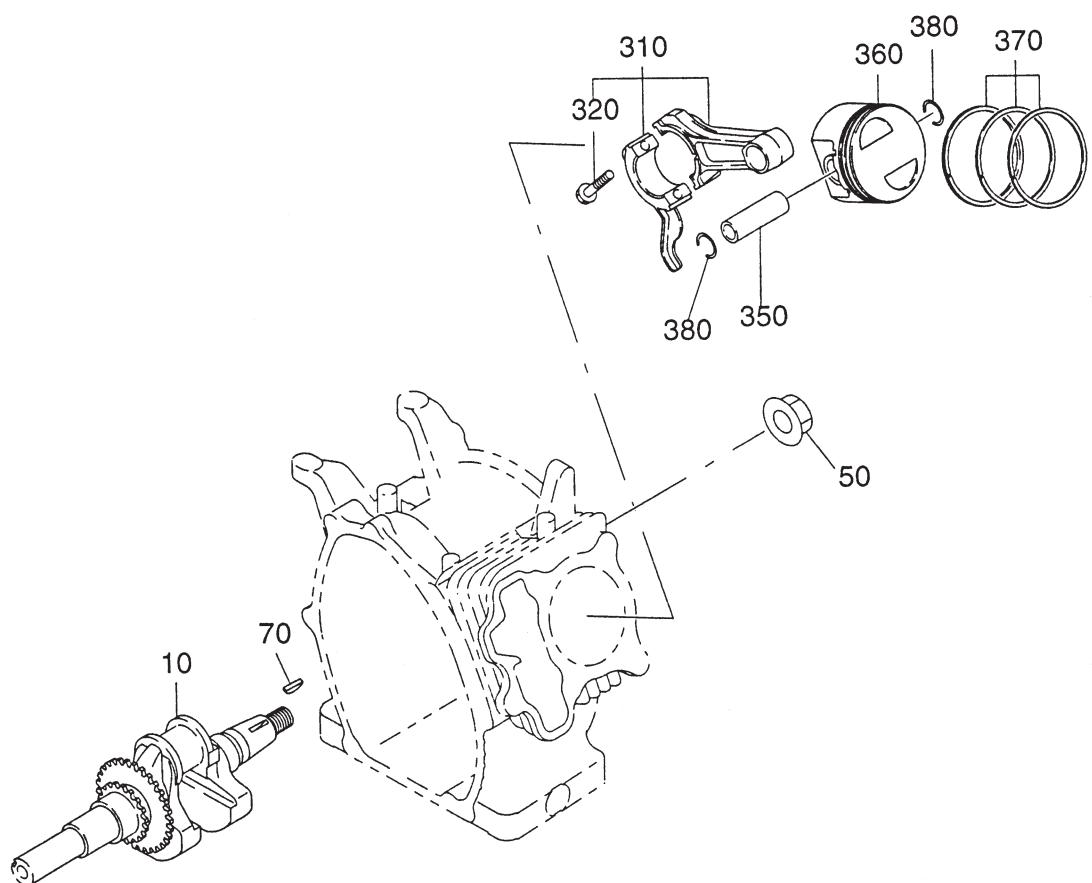
FIG. 200



SECTION 2 CRANKCASE GROUP

SECTION 3 CRANKSHAFT GROUP

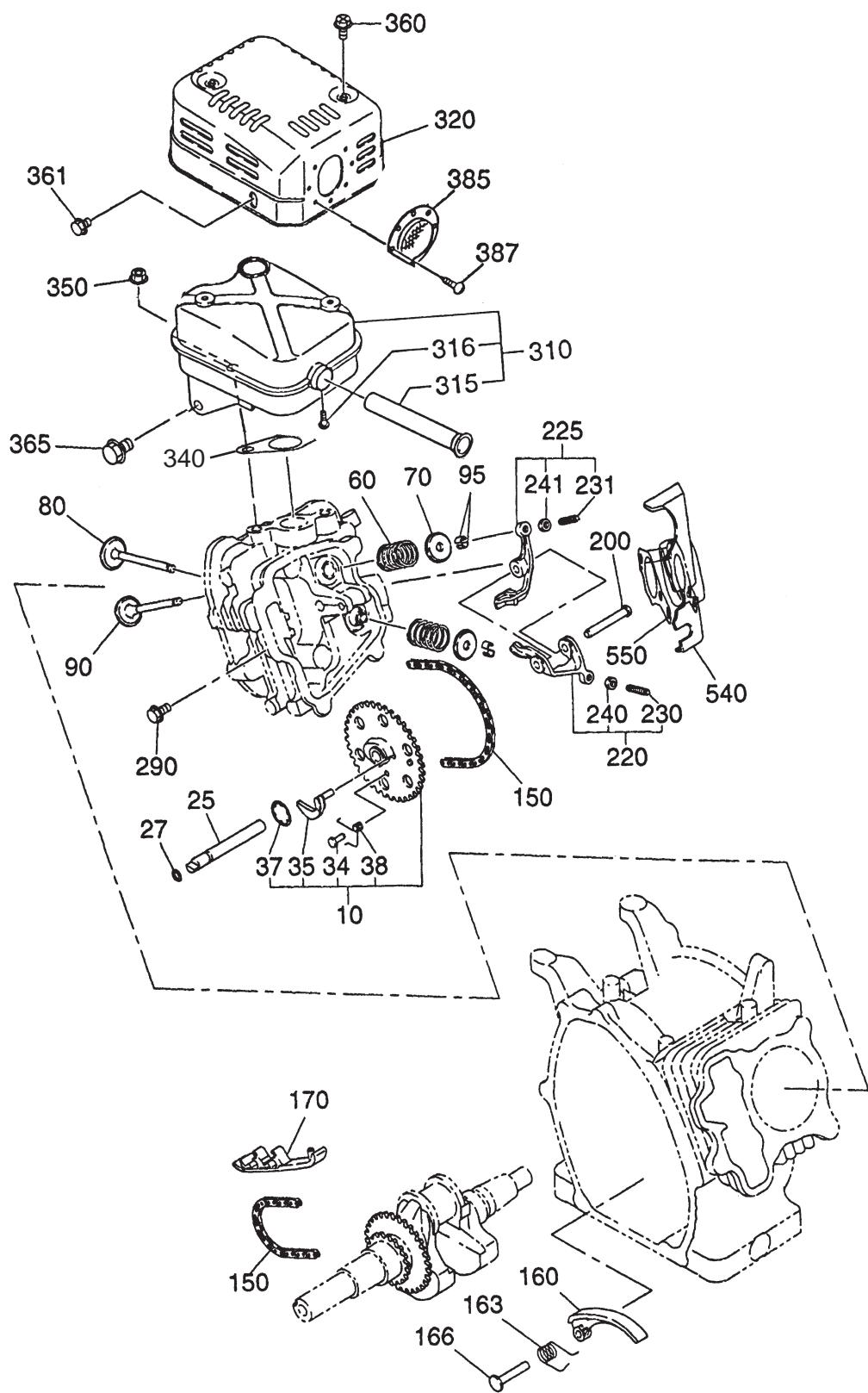
FIG. 300



SECTION 3 CRANKSHAFT GROUP

SECTION 4 INTAKE and EXHAUST GROUP

FIG. 400

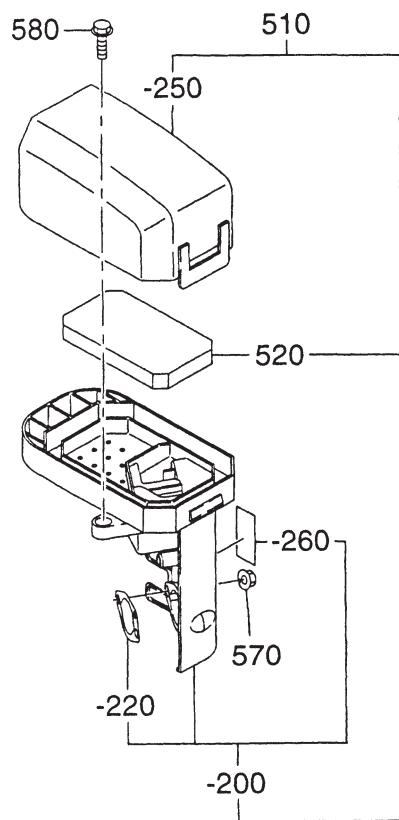


SECTION 4 INTAKE and EXHAUST GROUP

REF.	PART NO.	DESCRIPTION	QTY.	REMARKS	FROM-TO	FIG.
10	277-31601-01	CAMSHAFT CP	1			400
25	277-35101-03	PIN, camshaft	1			400
27	024-00600-10	O RING	1			400
34	277-38601-03	PIN, spring	1			400
35	277-36401-03	RELEASE LEVER	1			400
37	277-36501-03	CLIP	1			400
38	277-38701-03	RETURN SPRING	1			400
60	279-33601-03	VALVE SPRING	2			400
70	269-33701-03	RETAINER	2			400
80	276-33401-33	INTAKE VALVE	1			400
90	276-33501-33	EXHAUST VALVE	1			400
95	132-10KA0-31	COLLET VALVE	4			400
150	276-35601-01	TIMING CHAIN CP	1			400
160	277-36911-03	TENTIONER	1			400
163	277-37101-03	SPRING, tentioner	1			400
166	277-36902-03	PIN, tentioner	1			400
170	277-36913-13	CHAIN GUIDE	1			400
200	277-35001-23	PIN, rocker	1		5692~	400
	277-35001-13	PIN, rocker	1		5661~5691	400
	277-35001-03	PIN, rocker	1		~5660	400
220	277-36101-00	ROCKER ARM AY, in	1			400
225	277-36102-00	ROCKER ARM AY, ex	1			400
230	014-90500-10	ADJUST SCREW	1			400
231	014-90500-10	ADJUST SCREW	1			400
240	017-00500-20	NUT	1			400
241	017-00500-20	NUT	1			400
290	011-00600-20	FLANGE BOLT	1			400
310	276-30111-01	MUFFLER CP	1			400
315	277-37601-01	SPARK ARRESTOR	1			400
316	015-00400-60	TAPPING SCREW	1			400
320	276-34201-01	MUFFLER COVER CP	1		5753~	400
	277-34201-01	MUFFLER COVER CP	1		~5752	400
340	277-35201-03	GASKET, muffler	1			400
350	980-20082-80	FLANGE NUT	2			400
360	015-20600-90	TAPPING BOLT	2			400
361	011-00600-10	FLANGE BOLT	1			400
365	011-00801-50	FLANGE BOLT	1			400
385	277-37203-01	SCREEN CP	1			400
387	015-00400-60	TAPPING SCREW	2			400
540	277-32902-H3	INSULATOR	1			400
550	277-32903-H3	GASKET, insulator	1			400
570	002-38060-00	FLANGE NUT	2			400
580	011-00600-50	FLANGE BOLT	1			400
850	085-10800-00	RUBBER PIPE	1			400

SECTION 4 INTAKE and EXHAUST GROUP

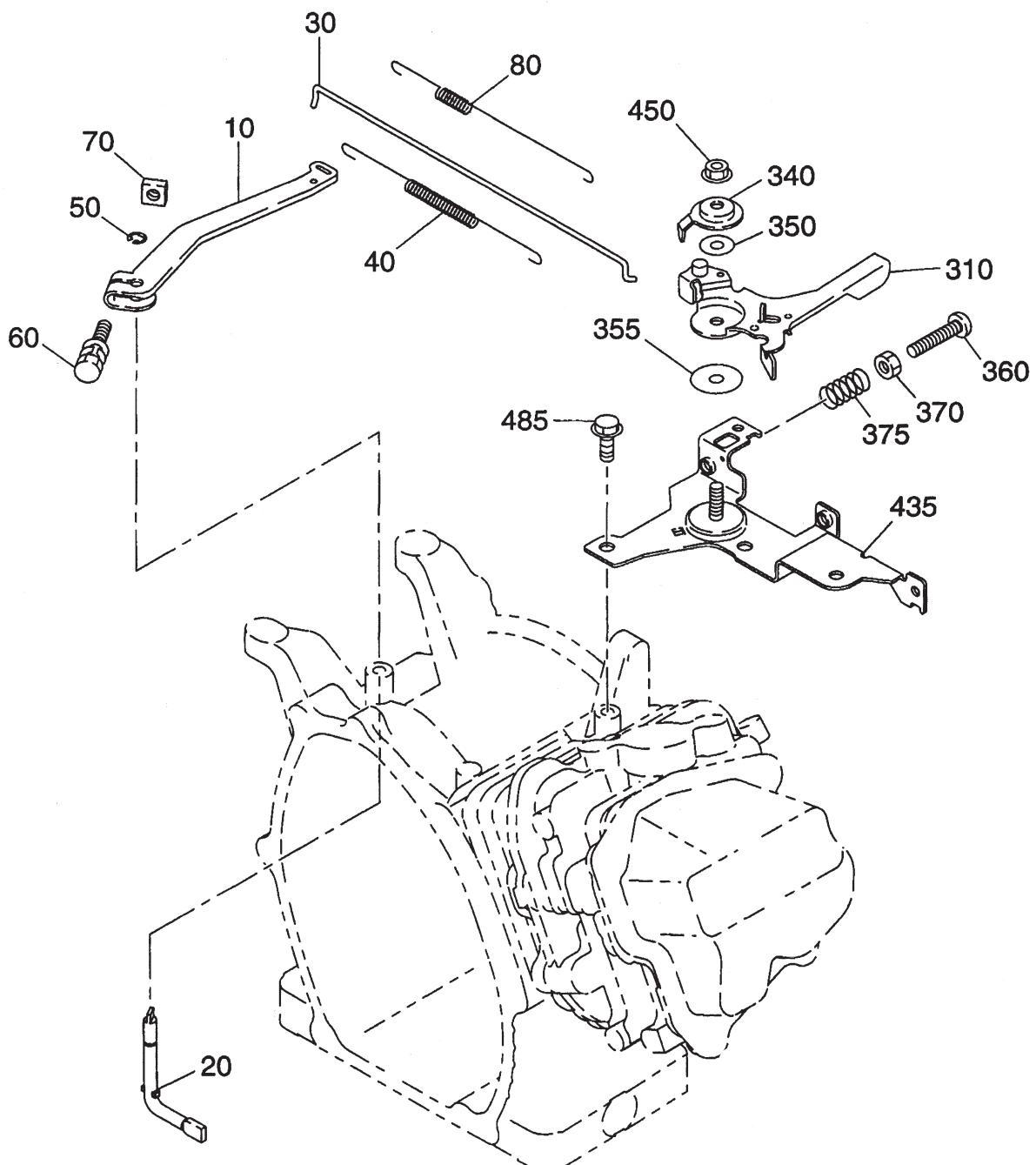
FIG. 410



SECTION 4 INTAKE and EXHAUST GROUP

SECTION 5 GOVERNOR GROUP

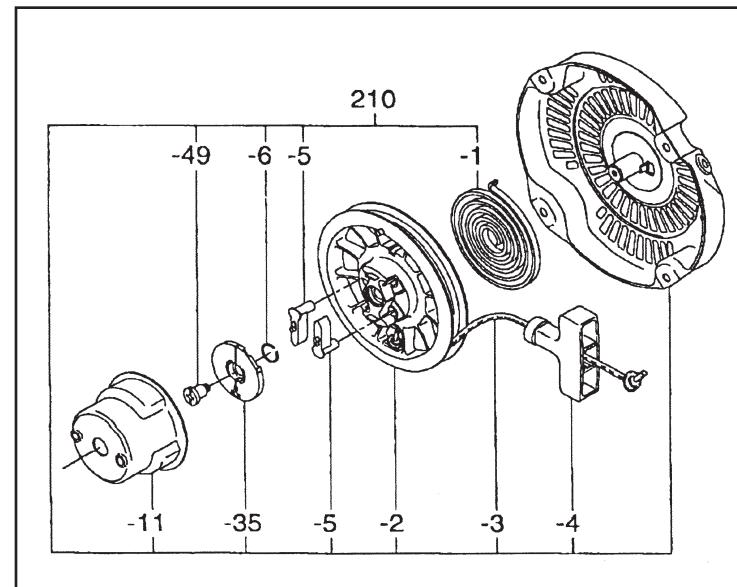
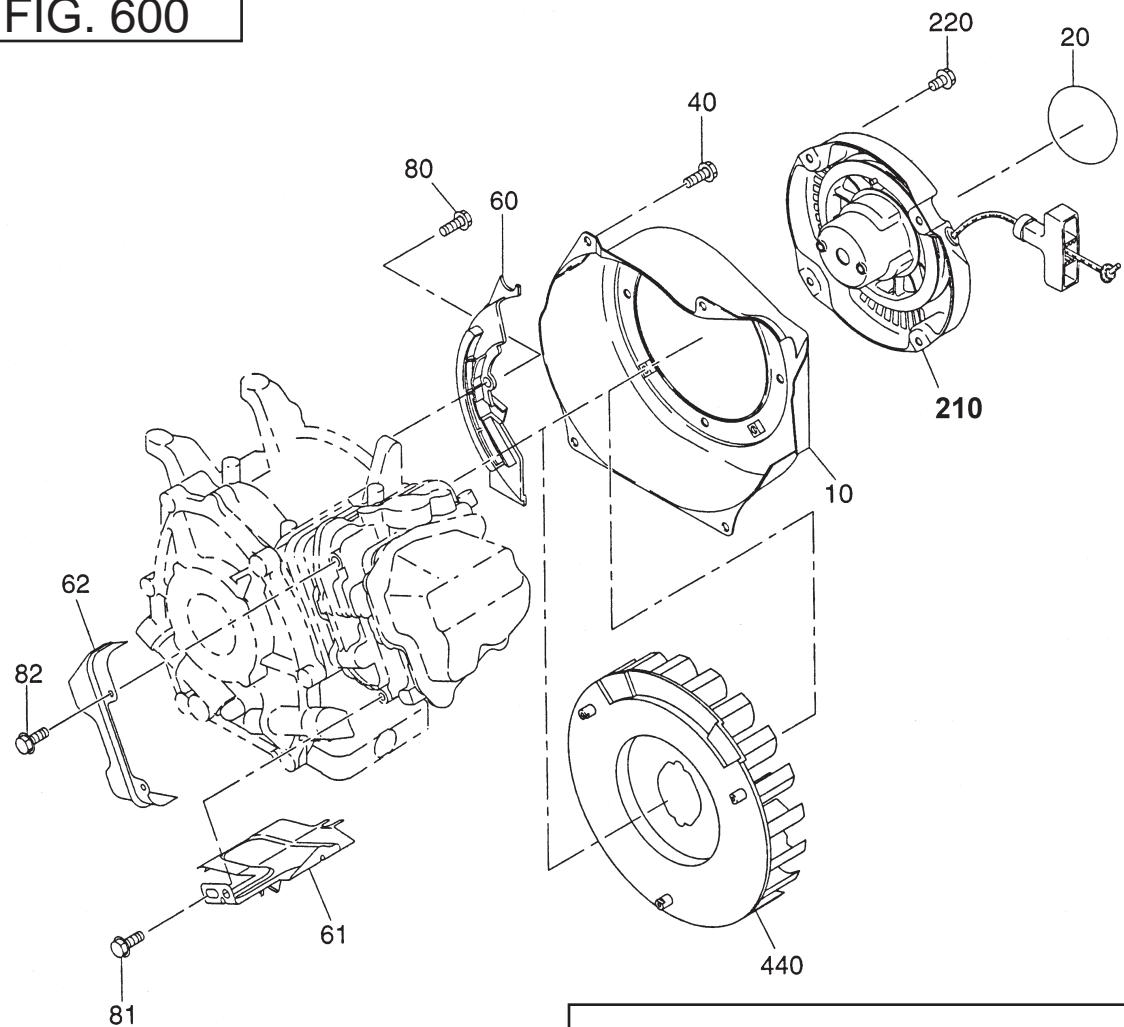
FIG. 500



SECTION 5 GOVERNOR GROUP

SECTION 6 COOLING and STARTING GROUP

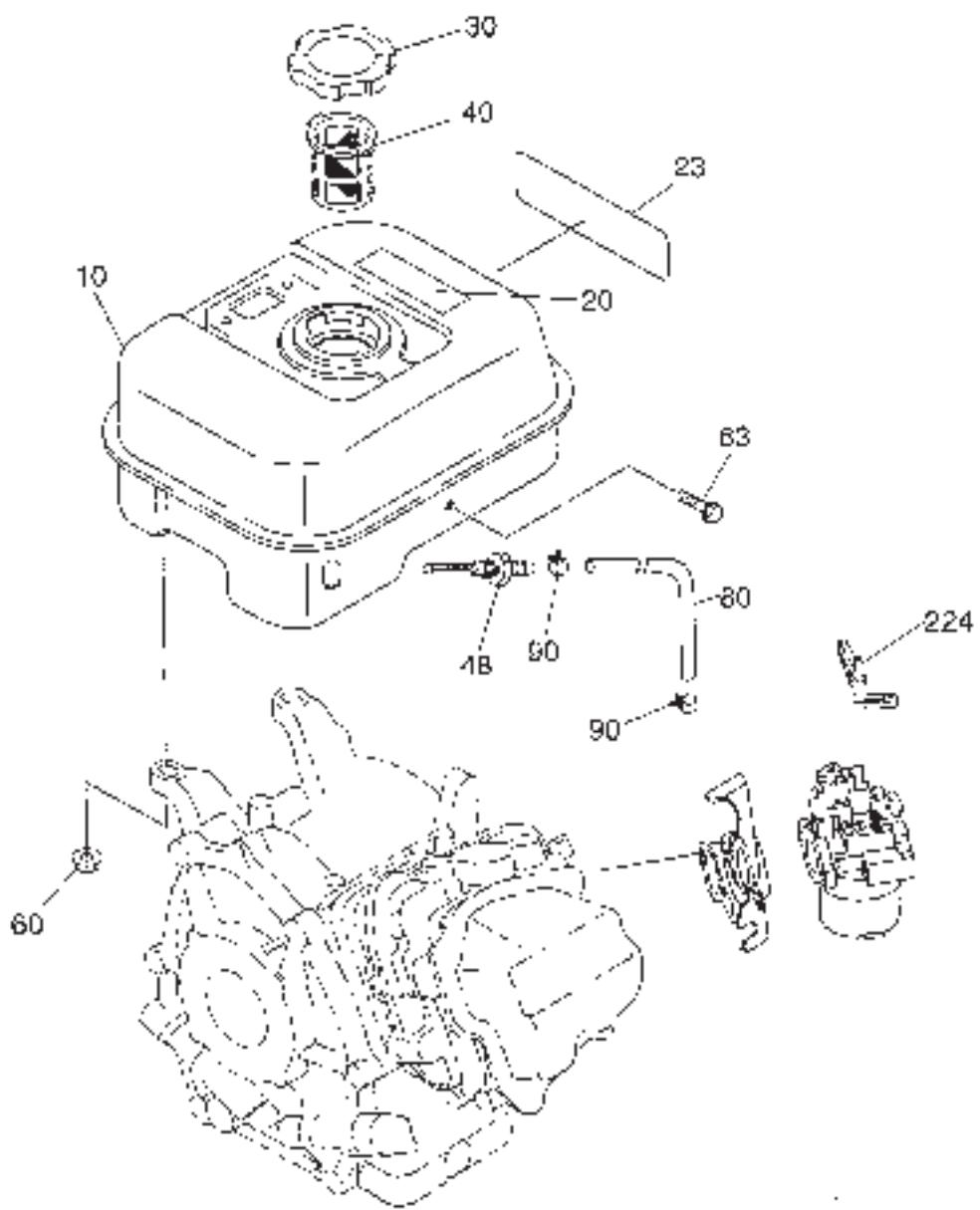
FIG. 600



SECTION 6 COOLING and STARTING GROUP

SECTION 7 FUEL, LUBRICATION GROUP

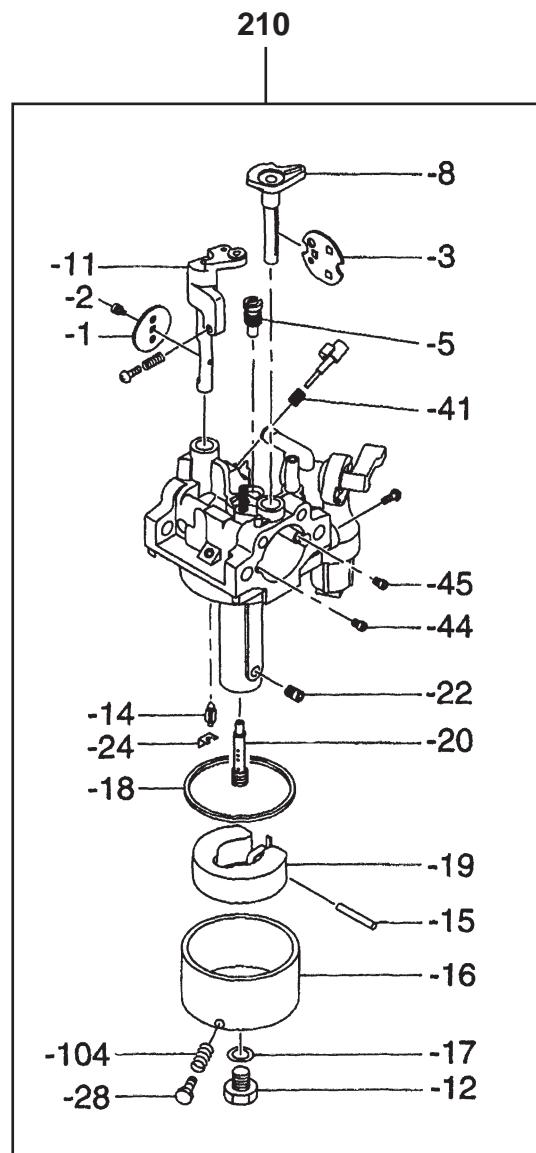
FIG. 700



SECTION 7 FUEL, LUBRICATION GROUP

SECTION 7 FUEL, LUBRICATION GROUP

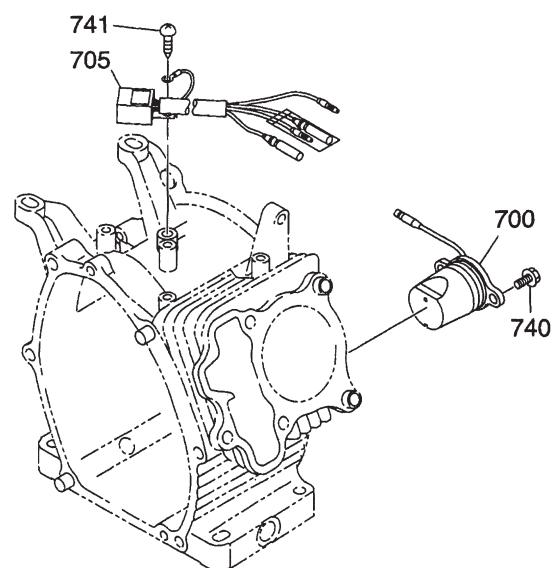
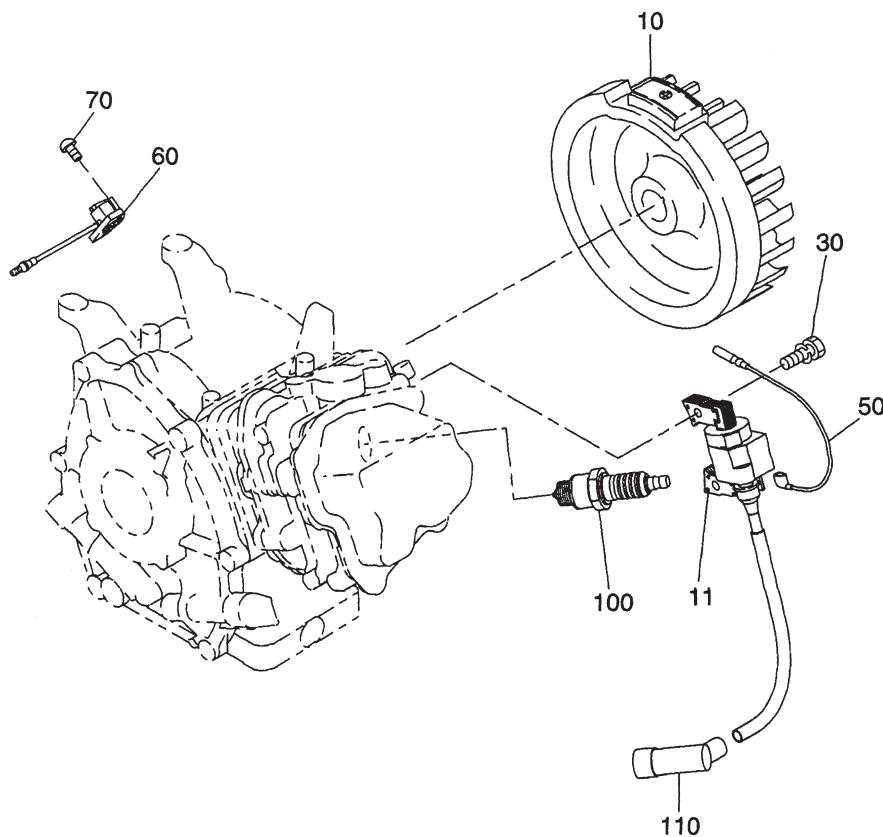
FIG. 710



SECTION 7 FUEL, LUBRICATION GROUP

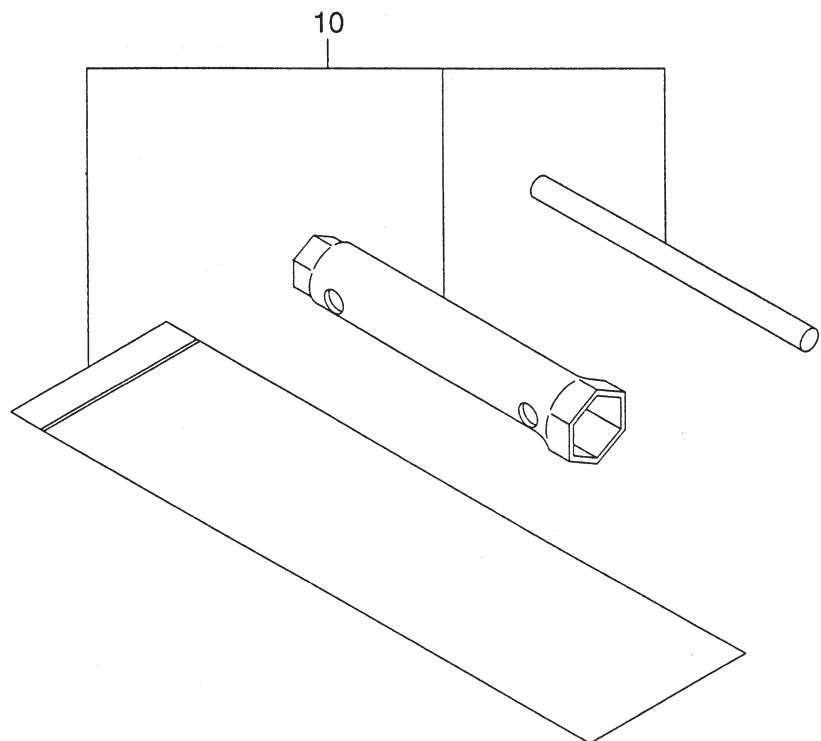
SECTION 8 ELECTRIC DEVICE GROUP

FIG. 800



SECTION 9 ACCESSORY GROUP

FIG. 900



SECTION 9 ACCESSORY GROUP

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